

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

TIMBER SALE PROSPECTUS

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NC-1107-F HARDING SPRUCE #3

NC-1107-F, HARDING SPRUCE #3: a 56.1 acre sale of one unit; is located approximately 42 miles southeast of Fairbanks, near Harding Lake. The PURCHASER will open 4.5 miles of existing secondary winter road, and construct 0.4 miles of new winter road. The sale is designated on the ground within Sections 34 and 35, Township 5 South Range 5 East and Sections 2 and 3, Townships 6 South Range 5 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1,324 CCF	\$20.32/CCF	\$26,903.68	May 31, 2012
Birch Fuelwood	308 CCF	\$10.03/CCF	<u>\$ 3,089.24</u>	May 31, 2012
		TOTAL	\$29,992.92	

Short Log Volume in MBF = 543

NC-1107-F The planned access to this sale is by winter road extending from the existing winter road located north and east of Harding Lake. The first 4.5 miles are along this road, crossing Fairbanks Northstar Borough land which extends onto state land to previous timber sales. The new winter road will continue 0.4 miles east to the unit. Crossing small drainages will be required with the use of snow ramps or packed snow with no soil or debris mixed in them. The unit is a southwest facing slope. There is moderate spruce budworm and birch leaf roller within the stand. The PURCHASER will remove all white spruce trees 9 inches and greater and birch trees 7 inches and greater. Bonding for the sale is **\$3000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$650.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1107 Percent Defect = 10 % Standard Error of Cruise = 8.24% Spruce Sawlog BAF = 20 Average DBH in inches of these trees = 12.70				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	981.38	13.59	124.93	8.49
10	635.94	16.71	99.55	6.77
11	525.57	20.59	101.38	6.89
12	441.62	26.69	110.44	7.51
13	517.4	30.69	148.78	10.12
14	405.57	36.4	138.29	9.4
15	317.97	45.92	136.77	9.3
16	186.31	52.13	90.99	6.19
17	165.04	56.48	87.32	5.94
18	73.6	65.78	45.35	3.08
19	132.12	78.88	97.63	6.64
20	59.62	92.03	51.4	3.49
21	72.1	95.75	64.67	4.4
22	49.27	97.87	45.18	3.07
23	45.08	129.79	54.81	3.73
24	13.8	143.51	18.55	1.26
25	12.72	148.28	17.67	1.2
26	11.76	160.32	17.66	1.2
27	0	0	0	0
28	0	0	0	0
29	9.45	219.1	19.4	1.32
Totals	4656	33.72	1470.77	100

NC-1107 Percent Defect = 10 % Standard Error of Cruise = 9.74 % Birch Fuelwood BAF = 20 Average DBH in inches of these trees = 9.99				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
7	222	5.81	9.38	2.74
8	679.87	5.73	28.33	8.29
9	805.77	7.95	46.62	13.63
10	652.67	12.27	58.25	17.04
11	899	14.68	95.97	28.07
12	453.24	18.06	59.53	17.41
13	257.46	16.55	30.99	9.06
14	55.5	31.86	12.86	3.76
Totals	4026	11.68	341.93	100

ave vol/tree

Tables indicates gross volume (not net volume).

NC-1144-F PARKS EAST

NC-1144-F, Parks East: a 65.14 acre sale of one unit, is located approximately 10 miles west of Fairbanks. It is reached by traveling west on the Parks Highway to East Rosie Creek Road. Continue 2.5 miles south on East Rosie Creek Road then 2.6 miles down Rosie Creek Road. At this point 800 feet of new all season spur road will be constructed to access the unit. The sale is designated on the ground within: Section 34, 35 Township 1 South Range 3 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1867 CCF	\$20.54/CCF	\$38,348.18	May 31, 2012

Short Log Volume in MBF = 765

NC-1144-F is a productive upland spruce stand with some mixed birch and aspen. The trees are generally in good shape, but the oldest and largest trees are starting to be affected by spruce budworm. The unit is located on a moderately southeast facing slope. The PURCHASER will remove all white spruce trees 9 inches and greater. The PURCHASER will be required to build .16 miles of spur road and scarify 65 acres. Bonding for the sale is **\$3850.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$850.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1144 Percent Defect = 10 % Standard Error of Cruise = 10.4 % Spruce Sawlog BAF = 20 Average DBH in inches of these trees = 13.91				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	423.3	9.86	44.4	2.14
10	571.45	15.18	92.26	4.45
11	566.73	20.41	123.06	5.93
12	436.53	25.65	119.11	5.74
13	405.77	29.36	126.75	6.11
14	320.71	37.15	126.76	6.11
15	558.75	40.97	243.5	11.74
16	424.13	51.98	234.49	11.3
17	375.7	60.01	239.83	11.56
18	246.92	69.6	182.81	8.81
19	110.81	72.59	85.56	4.12
20	114.29	88.1	107.11	5.16
21	103.66	109.41	120.65	5.82
22	118.07	119.57	150.18	7.24
23	21.61	131.87	30.31	1.46
24	19.84	150.31	31.73	1.53
25	0	0	0	0
26	0	0	0	0
27	7.84	190.03	15.85	0.76
Totals	4826	40.41	2074.36	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1145-F SKINNYS NORTH

NC-1145-F, Skinnys North: a 43.34 acre sale of three units; is located approximately 30 miles southwest of Fairbanks, off the Parks Highway near mile marker 327. Approximately 3 miles of existing all season secondary road will access the sale. 1.8 miles of new all season secondary road winter road will be constructed for this sale. The sale is designated on the ground within: Section 10, 15 and 22, Township 2 South Range 5 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	755 CCF	\$10.11/CCF	\$7,633.05	May 31, 2012
Birch Fuelwood	131 CCF	\$10.03/CCF	\$1,313.93	May 31, 2012 (Optional)
		TOTAL	\$8,946.98	

Short Log Volume in MBF = 310

NC-1145-F is a moderately sloped hillside of 15-20%. The terrain is of a consistent slope with an east-southeast aspect. The stand is mixed white spruce and birch. The trees are medium sized and generally in good shape. There are some sawlog size birch trees in this stand. The PURCHASER will remove all white spruce trees 9 inches and greater with an option of removing all birch 6 inches and greater. Bonding for the sale is **\$800.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$1150.00** to be returned upon completion of the project to the satisfaction of the Forester-in-Charge.

NC-1145		Percent Defect = 10 %		Standard Error of Cruise = 5.26 %		Spruce Sawlog		BAF = 20	
Average DBH in inches of these trees									
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume					
9	636.76	11.7	77.16	9.2					
10	589.46	13.98	85.33	10.18					
11	304.47	19.2	60.52	7.22					
12	383.76	23.1	91.76	10.94					
13	414.19	27.96	119.91	14.3					
14	263.15	31.67	86.29	10.29					
15	327.48	39.68	134.52	16.04					
16	158.3	48.56	79.59	9.49					
17	63.74	54.66	36.07	4.3					
18	34.11	63.23	22.33	2.66					
19	51.03	69.79	36.87	4.4					
20	9.21	85.74	8.18	0.98					
Totals	3236	25.03	838.53	100					

ave vol/tree

NC-1145 Percent Defect = 15 % Standard Error of Cruise = 10.62 % birch fuelwood BAF = 20 Average DBH in inches of these trees = 9.26				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	307.01	2.57	9.7	6.29
7	300.75	2.65	9.79	6.35
8	57.56	5.73	4.05	2.62
9	181.93	7.55	16.86	10.93
10	294.73	9.26	33.51	21.72
11	121.79	11.05	16.53	10.71
12	102.34	13.39	16.83	10.91
13	43.6	17.65	9.45	6.13
14	93.98	13.15	15.17	9.84
15	32.75	28.81	11.58	7.51
16	43.17	20.36	10.79	7
Totals	1580	7.95	154.26	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1146-F MIDWAY ISLAND #6

NC-1146-F, Midway Island #6: a 52.84 acre sale of one unit; is located approximately 42 miles southeast of Fairbanks, near Harding Lake. Access to the unit starts at milepost 314 where a slough of the Tanana will be crossed. An old winter road to previous harvest units exist on the other side of the slough. Approximate 1.0 miles of existing winter road will be opened and 0.16 miles of new winter road will be constructed to access the unit. In additions 2 ice bridges will be required to access the unit. The sale is designated on the ground within: Section 25, 26, 35, 36 Township 6 South Range 4 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	1172 CCF	\$20.96/CCF	\$24,565.12	May 31, 2012
Spruce Fuelwood	199 CCF	\$2.82/CCF	\$561.18	May 31, 2012
TOTAL			\$25,126.30	

Short Log Volume in MBF estimated at = 481

NC-1146-F is a spruce stand within the Tanana River floodplain. The white spruce is about 200 years old and is starting to show signs of some rot. The site was selectively logged approximately 60 years ago. The unit was laid out with a 100' buffer from the slough to the east. A fish habitat permit will be required from the division of habitat of ADF&G. The PURCHASER will remove all white spruce trees 9 inches and greater. Bonding for the sale is **\$2,550.00**, or 10% of the final bid price whichever is greater, to be returned upon completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$500.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1146 Percent Defect = 10 % Standard Error of Cruise = 11.41 % Spruce Sawlog BAF = 20 Average DBH in inches of these trees = 10.43				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	2312.56	12.03	263.16	20.22
10	2161.35	16.4	335.23	25.75
11	833.58	20.36	160.56	12.33
12	600.38	24.71	140.34	10.78
13	341.04	28.95	93.39	7.17
14	330.82	37.79	118.25	9.08
15	96.06	180.44	163.96	12.59
16	28.14	46.09	12.27	0.94
17	0	0	0	0
18	22.24	69.6	14.64	1.12
Totals	6726	20.46	1301.80	100

ave vol/tree

NC-1146 Percent Defect = 10 % Standard Error of Cruise = 11.00 % Spruce fuelwood BAF = 20 Average DBH in inches of these trees = 7.60				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
7	1701.36	6.85	74.94	33.94
8	2605.2	8.71	145.87	66.06
Totals	4307	7.98	228.41	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1270-F STANDARD WEST BIRCH #5

NC-1270-F Standard West Birch #5: a 20.7 acre sale of one unit; is located approximately 22 miles west of Fairbanks. The sale is accessed from Fairbanks by driving east on Parks Highway to the Old Nenana Highway then approximately 13 miles west on the Standard Creek Road. The unit is access by using .82 miles of an existing road off the Standard Creek road. The sale is designated on the ground within: Sections 30, Township 1 South Range 5 West, Fairbanks Meridian, Alaska.

<u>SPECIES & PRODUCT</u>	<u>ESTIMATED NET VOLUME</u>	<u>UNIT PRICE</u>	<u>APPRAISED PRICE</u>	<u>EXPIRATION DATE</u>
Birch Fuelwood	270 CCF	\$10.03/CCF	\$2,708.10	May 31, 2012

NC-1270-F is a moderate southwest facing sloped. The stand is mostly birch with some scattered spruce. The birch is over mature, relatively small diameter, and showing signs of significant defect. The PURCHASER will remove all birch 6 inches and greater. Bonding for the sale is **\$300.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

NC-1270 Percent Defect = 25 % Standard Error of Cruise = 7.58 % Birch Fuelwood BAF = 20				
Average DBH in inches of these trees = 6.48				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	5048.62	3.1	181.82	50.52
7	1700.04	5.66	111.8	31.06
8	473.31	8.31	45.67	12.69
9	93.49	11.21	12.17	3.38
10	0	0	0	0
11	62.59	4.51	3.27	0.91
12	0	0	0	0
13	44.81	9.89	5.15	1.43
Totals	7423	4.17	359.88	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1285-F OH MY BIRCH WEST

NC-1285-F, Oh My Birch West: a 62.80 acre sale of one unit; is located approximately 22 miles southwest of Fairbanks south off the Parks Highway near the Bonanza Creek Experimental Forest. Access will be by an existing and proposed all season secondary road. A total of .19 miles of new all season spur road will be constructed for this sale in addition 65 acres of scarification will be required. The sale is designated on the ground within: Sections 31 and 32, Township 2 South Range 4 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	1588 CCF	\$4.39/CCF	\$6971.32	May 31, 2012

NC-1255-F The sale is on a north facing hill. The terrain is gently to moderately sloping with an average slope of 15-20%. The stand is comprised of relatively mature birch trees with an average age of 80 years. The trees are relatively healthy, but there is snow load damage and minor rot decay particularly on the northern edge of the unit. The PURCHASER will remove all birch trees 6 inches and greater. Bonding for the sale is **\$700.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$900.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1285 Percent Defect = 10 %		Standard Error of Cruise = 3.57 %		Birch Fuelwood	BAF = 10
Average DBH in inches of these trees = 7.87					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
6	5117.4	3.81	191	10.83	
7	4464.67	6.36	278.34	15.77	
8	3957.99	9.72	377.02	21.37	
9	2203.33	12.57	271.41	15.38	
10	1554.41	16.42	250.18	14.18	
11	618.53	19.56	118.59	6.72	
12	519.74	24.51	124.9	7.08	
13	238.46	27	63.12	3.58	
14	176.24	32.72	56.53	3.2	
15	76.76	34.32	25.82	1.46	
16	22.49	34.14	7.53	0.43	
Totals	18950	9.50	1764.44	100	

ave vol/tree

Table indicates gross volume (not net volume).

NC-1292-F IOWA RESALE

NC-1292-F, Iowa Resale: a 79.24 acre sale that contains two units is located 13 miles northeast of Fairbanks. Access is off the Chena Hotsprings Road just past mile 11 on Adventure Road. Access to the unit is by 0.5 miles on an existing all season road, 2.8 miles on an existing winter road and 1 mile on a new winter road. The PURCHASER will be required to open 2.8 miles of existing winter road, construct one mile of new winter road and build 1 ice bridge to access the sale. The sale is designated on the ground within: Sections 12 and 13, Township 1 North Range 2 East, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	611 CCF	\$14.76/CCF	\$9,018.36	May 31, 2012
Birch Fuelwood	486 CCF	\$10.03/CCF	<u>\$ 4,874.58</u>	May 31, 2012
		TOTAL	\$13,892.94	

Short Log Volume in MBF = 251

NC-1292-F is a south and east-facing upland mixed spruce/hardwood timber type. The two units are laid out side by side and are comprised of large mature spruce and very mature birch that is showing signs of significant defect. The terrain is gently sloped of 10-15 %. The PURCHASER will remove all white spruce trees 9 inches and greater and all birch trees 6 inches and greater. Bonding for the sale is **\$1,400.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$650.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1292 Percent Defect = 10 % Standard Error of Cruise = 11.49 % Spruce Sawlog BAF = 20 Average DBH in inches of these trees = 17.09				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
11	80.18	17.91	17.98	2.65
12	0	0	0	0
13	114.81	25.71	36.95	5.44
14	99	40.1	49.69	7.32
15	0	0	0	0
16	113.69	52.13	74.19	10.93
17	33.57	55.34	23.26	3.43
18	119.77	70.55	105.78	15.59
19	26.87	81.72	27.49	4.05
20	72.76	87.31	79.52	11.72
21	44	102.25	56.32	8.3
22	40.09	112.15	56.28	8.29
23	0	0	0	0
24	0	0	0	0
25	15.52	163.03	31.68	4.67
26	14.35	176.27	31.67	4.67
27	26.62	172.82	57.58	8.49
28	12.37	195.06	30.21	4.45
Totals	814	66.63	678.60	100

ave vol/tree

NC-1292 Percent Defect = 25 % Standard Error of Cruise = 8.15 % Birch Fuelwood BAF = 20 Average DBH in inches of these trees = 11.96				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
7	197.99	2.13	4.64	0.72
8	454.76	5.48	27.49	4.24
9	119.77	6.33	8.35	1.29
10	388.06	8.95	38.29	5.91
11	400.89	10.98	48.52	7.49
12	741.09	11.61	94.89	14.64
13	688.87	17.47	132.67	20.48
14	395.98	20.49	89.44	13.8
15	215.59	21.29	50.59	7.81
16	303.17	24.24	81.01	12.5
17	167.85	38.94	72.06	11.12
Totals	4074	14.43	647.95	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1341-F TANANA RIVER WEST #5

NC-1341-F, Tanana River West #5: a 251 acre sale divided into four units, is located approximately 45 miles west of Fairbanks, on the Tanana River corridor. It is off the Parks Highway at milepost 311 down an existing winter road approximately 13 miles where approximately 6 miles of new winter road will need to be constructed to access all the units. The existing winter road bisects a section of Toghottthele Corporation land where a right of way agreement exists but will need to be renewed in 2010. This sale also crosses multiple dog mushing trails that will be required to stay open during harvest operations. The PURCHASER will be required to reopen approximately 13 miles of existing winter road, construct approximately 6 miles of new winter road and build 2 ice bridges. The sale is designated on the ground within: Sections 8, 9, 10, 15, 16 and 17, Township 1 South Range 8 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	6347 CCF	\$20.15/CCF	\$127,892.05	May 31, 2013

Short Log Volume in MBF = 2602

NC-1341-F is a spruce stand within the floodplain of the Tanana River. The topography is relatively flat. The trees are medium to large trees for the most part. Evidence of spruce budworm and topkill is present. Stands farther off the main channel are starting to jack as a result of rising permafrost. The PURCHASER will remove all spruce trees 9 inches and greater. Bonding for the sale is **\$13,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$3150.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1341		Percent Defect = 10 %		Standard Error of Cruise = 3.43 %		Spruce Sawlogs		BAF = 20	
Average DBH in inches of these trees									
DBH		Approximate Total Number of Trees		Approximate Volume Per Tree (CF)		Adjusted Gross Volume (CCF)		Percent of Total Sale Volume	
9		2053.18		13.17		294.68		4.18	
10		3741.91		16.98		692.09		9.81	
11		3092.49		21.12		711.49		10.09	
12		3609.1		24.25		953.71		13.52	
13		1599.11		29.78		518.87		7.36	
14		2386.42		35.49		922.65		13.08	
15		1709.27		40.51		754.41		10.7	
16		933.85		46.54		473.46		6.71	
17		539.49		53.31		313.35		4.44	
18		545.37		66.85		397.18		5.63	
19		374.31		67.6		275.69		3.91	
20		181.9		71.9		142.49		2.02	
21		164.99		79.6		143.07		2.03	
22		128.85		93.19		130.82		1.85	
23		58.95		103.42		66.42		0.94	
24		54.14		116.42		68.66		0.97	
25		16.63		76.99		13.95		0.2	
26		46.13		138.44		69.58		0.99	
27		14.26		143.83		22.34		0.32	
28		0		0		0		0	
29		24.72		169.9		45.75		0.65	
30		23.1		167.13		42.06		0.6	
Totals		21298		22.93		7052.72		100	

ave vol/tree

Table indicates gross volume (not net volume).

NC-1349-F GROUSE ROAD MIXED #1

NC-1349-F, Grouse Road Mixed #1: a 176 acre sale of three units, is located off Nenana Ridge Road on Upper Ruffed Grouse Road. At approximately 8.8 miles down Nenana Ridge Road, turn west on Upper Ruffed Grouse Road. At approximately 4.6 miles west on Upper Ruffed Grouse Road is an old trail heading in a northward direction. This trail will be upgraded to all season spur road standards for 3 miles. This will also gain access to units 2 and 3 of the sale. To access unit one continue west on Upper Ruffed Grouse Road to approximately the 6.5 milepost. The unit is located on the north side of the road. The PURCHASER will be required to construct the 3 miles of all season spur road to gain access to units 2 and 3 and scarify 148 acres. The sale is designated on the ground within: Section 19 and 30 of Township 3 South Range 6 West and Sections 24, 25, 26, 35 and 36 of Township 3 South, Range 7 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch fuelwood	2373 CCF	\$1.00/CCF	\$2,373.00	May 31, 2012
Aspen fuelwood	778 CCF	\$1.00/CCF	\$778.00	May 31, 2012 (optional)
		TOTAL	\$3,151.00	

NC-1349-F The stand is a mixed birch and aspen stand. Unit one and two are on ridge tops with slight northeast facing slopes. Unit three is located below unit 2 with a slightly steeper northeast facing slope. Most of the aspen component is found in clumps totaling approximately 28 acres. All the aspen within the clumps must be cut but harvest is optional. Individual aspen found in the stand do not need to be cut. Scarification of this sale will be required except on areas where clumped aspen were located. Total scarification acreage is 148 acres. The birch component of this sale is being sold at a net value of \$10.59 which includes the improvement costs / CCF. This is a \$0.56 per CCF deficit from the 2009 appraised value of birch fuelwood. Bonding for the sale is **\$450.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$2300.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1349 Percent Defect = 15 % Standard Error of Cruise = 5.43 % birch fuelwood BAF = 20				
Average DBH in inches of these trees = 7.98				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	9273.47	3.3	229.58	8.22
7	9841.24	5.46	403.74	14.46
8	11302.04	8.34	707.77	25.35
9	5724.37	10.82	465.18	16.66
10	3894.86	14.23	416.12	14.9
11	1686.09	18.23	230.9	8.27
12	1416.78	20.6	219.21	7.85
13	219.49	24.31	40.07	1.44
14	283.88	26.66	56.84	2.04
15	82.43	36.32	22.49	0.81
Totals	43725	8.50	2791.90	100

ave vol/tree

NC-1349 Percent Defect = 15 % Standard Error of Cruise = 11.50 % aspen fuelwood BAF = 20 Average DBH in inches of these trees = 9.28				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	633.12	3.52	21.61	2.36
7	930.3	5.59	50.46	5.51
8	2136.79	7.47	154.91	16.93
9	1688.33	11.02	180.45	19.72
10	911.7	14.6	129.16	14.11
11	753.47	17.41	127.29	13.91
12	553.98	21.05	113.13	12.36
13	269.73	25.84	67.62	7.39
14	174.43	31.26	52.91	5.78
15	50.65	35.97	17.68	1.93
Totals	8103	11.64	915.22	100

ave vol/tree

Table indicates gross volume (not net volume).

NC-1402-F NENANA RIDGE MIXED #4 RESALE

NC-1402-F, Nenana Ridge Mixed #4 Resale: a 38 acre sale of one unit, is located off Nenana Ridge Road on Upper Ruffed Grouse Road. Travel approximately 8.8 miles down Nenana Ridge road and turn onto Upper Ruffed Grouse Road then travel approximately 1.6 miles. The unit is on the north side of the road. No new road construction is required for this unit, however, the PURCHASER is required to purchase 12 culverts for the maintenance of all season roads accessing the unit. The sale is designated on the ground within: Section 15, 16 Township 3 South Range 6 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	252 CCF	\$13.75/CCF	\$3,465.00	May 31, 2012
Birch Fuelwood	462 CCF	\$10.03/CCF	\$4,633.86	May 31, 2012
		TOTAL	\$8,098.86	

Short log Volume in MBF estimated at = 103

NC-1402-F The stand is a mixed spruce & birch stand on a north, northwest-facing gently sloping hill. The white spruce trees are medium sized and the birch is relatively small diameter. There is minor evidence of budworm in the stand. Bonding for the sale is **\$850.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$300.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1402 Percent Defect = 10 % Standard Error of Cruise = 15.62 % Spruce Sawlogs BAF = 20				
Average DBH in inches of these trees = 12.61				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	155.88	12.73	15.69	5.6
10	189.4	18.48	27.67	9.89
11	0	0	0	0
12	175.37	27.54	38.19	13.64
13	112.07	34.02	30.14	10.77
14	161.05	39.17	49.88	17.82
15	112.24	49.23	43.69	15.61
16	98.64	53.64	41.84	14.95
17	43.69	62.16	21.47	7.67
18	19.49	73.42	11.31	4.04
Totals	1068	33.15	279.88	100

ave vol/tree

NC-1402 Percent Defect = 10 % Standard Error of Cruise = 5.8 % Birch Fuelwood BAF = 20 Average DBH in inches of these trees = 8.15				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	1929.05	2.86	57.03	11.12
7	1288.42	4.44	59.04	11.51
8	986.45	6.47	65.85	12.84
9	857.36	8.19	72.49	14.13
10	883.86	11.35	103.55	20.19
11	313.05	14.27	46.1	8.99
12	175.37	16.19	29.31	5.71
13	224.14	20.24	46.83	9.13
14	96.63	24.06	24	4.68
15	28.06	30.31	8.78	1.71
Totals	6782	7.33	512.98	100

ave vol/tree

Tables indicates gross volume (not net volume).

NC-1416-F DUNBAR CREEK RIGHT SPRUCE

NC-1416-F, Dunbar Creek Right Spruce: a 62 acre sale of one unit, is located off Standard Creek Road from mile 20. At this point turn onto Brass road and travel 1.25 miles to the starting point of new winter road construction. The PURCHASER will construct new winter road 0.6 miles to the sale boundary as well as purchase 7 culverts. The PURCHASER will be required to construct the winter road to the standards set out in the AFRPA. The sale is designated on the ground within: Section 23, 24 and 26 Township 1 South Range 6 West, Fairbanks Meridian, Alaska.

SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlogs	2182 CCF	\$23.04/CCF	\$50,273.28	May 31, 2012

Short log Volume in MBF estimated at = 895

NC-1416-F The stand is a spruce stand on a south, southwesterly facing moderately sloping hill. The white spruce trees are estimated at 100 years and have minor evidence of budworm. Bonding for the sale is **\$5,050.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$450.00** to be returned upon successful completion of the project to the satisfaction of the Forester-in-Charge.

NC-1416		Percent Defect = 10 %	Standard Error of Cruise = 6.46 %	Spruce Sawlogs	BAF = 20
Average DBH in inches of these trees = 13.42					
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume	
9	646.64	11.77	68.63	2.83	
10	785.67	15.63	110.71	4.57	
11	432.87	22.02	85.93	3.54	
12	1136.67	26.4	270.59	11.16	
13	929.78	32.11	269.14	11.1	
14	701.49	40.21	254.3	10.49	
15	698.37	46.03	289.8	11.95	
16	613.8	55.66	308.01	12.71	
17	294.51	68.2	181.08	7.47	
18	222.28	71.68	143.66	5.93	
19	235.77	82.7	175.79	7.25	
20	49.1	104.62	46.32	1.91	
21	163.31	101.07	148.81	6.14	
22	40.58	120.72	44.17	1.82	
23	12.38	119.38	13.32	0.55	
24	11.37	136.72	14.01	0.58	
Totals	6975	38.33	2424.27	100	

ave vol/tree

Table indicates gross volume (not net volume).

GENERAL SALE INFORMATION

METHOD OF CRUISING:

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. Fuelwood volumes were calculated utilizing U.S. Forest Service Research Note NOR-6, published May 6, 1964 by R.A. Gregory and P.M. Haack. Sawlog volumes were calculated using local white spruce volume tables prepared by Phyllis Ryan of the Division of Forestry, in summer of 1983.

Cruise summaries are available upon request. The State neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by sealed bid. Bids will be accepted until the time of opening. The opening of the sealed auction bids will be on June 9, 2009 at the DNR, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashiers check or any combination of these in favor of the State of Alaska, Department of Natural Resources, equal to ten percent (10%) of the total appraised price accompanied by a completed bid deposit form (10-2102). If the high bidder fails to execute the contract within the allotted 30 days the bid deposit will revert to the State. EACH BID DEPOSIT AND BID DEPOSIT FORM MUST BE IN AN INDIVIDUAL ENVELOPE WITH THE SALE NUMBER MARKED ON THE OUTSIDE.

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the director, be available over the counter.

RESERVATIONS:

The State reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State.

GENERAL:

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Jeremy Douse at 907-451-2602.